

Stellingen behorende bij het proefschrift:

**Blood Vessel and Airway Development in Normal and
Congenital Diaphragmatic Hernia Lungs**

Münevver Hösgör

1. The VHL pathway is suggested to play an important role in normal angiogenesis and perturbations may lead to abnormal vascular development as seen in congenital diaphragmatic hernia.

This thesis

2. TTF-1 binds to and activates the transcription of pulmonary surfactant proteins and Clara cell secretory protein but is not abnormal expressed in congenital diaphragmatic hernia.

This thesis

3. The state of the art of our knowledge about congenital diaphragmatic hernia is still at best described, even today, as “many questions, few answers”.

This thesis

4. Detailed immunohistochemical evaluation of lung specimen in congenital diaphragmatic hernia is essential for the development of new treatment modalities to modulate pulmonary vascular tone.

This thesis

5. The close alignment of the airways and pulmonary arteries indicates that during lung morphogenesis, cellular interactions between the epithelium and the mesenchyme must play a role in blood vessel formation.

Akeson A. L. et al., 2000, Dev Dyn, 217: 11-23

6. The role of the VHL protein in angiogenesis has become evident after the elucidation of gene mutations in patients with the hereditary VHL syndrome, who develop a variety of highly vascularized tumors.

Maher E. R. et al. 1990, Quart J Med, 7: 1151-1163

7. A direct link between VHL and VEGF was established following the unraveling of the role of VHL in ubiquitination of HIF1 α .

Krek W., 2000, Nature Cell Biol, 2: E121-123

8. The widespread use of molecular techniques in Turkey and The Netherlands in unraveling the etiological basis of pediatric surgical diseases will contribute to establishing new treatment modalities for children.

9. Knowledge should mean a full grasp of knowledge:
Knowledge means to know yourself, heart and soul.
If you have failed to understand yourself,
Then all of your reading has missed its call.

Yunus Emre

10. Coffee should be Black as Hell, Strong as Death, and Sweet as Love

Turkish proverb

11. De eerste keer ver van mijn land onderging ik dit gevoel
Baby's hebben geen natie
Baby's, de bloem van onze mensheid
En de enige hoop van onze toekomst...

Ataol Behramoglu (Turkse dichter)